

INCIDENT BRIEFING (ICS 201)

1. Incident Name:
2023 Boston/Quincy GRS Exercise

2. Incident Number:
91-23

3. Date: 24-Apr-23

4. Tactic Map/FR Deployment Drills

MassDEP Boston Harbor Geographic Response Strategy
Neponset River BH06

Tactics Legend

- DF Deflection Booming
- DV Diversion Booming
- EX Exclusion Booming
- FO Free Oil Recovery
- PR Passive Recovery
- SR Shoreside Recovery
- S Staging Area
- BR Boat Ramp
- BB Beach Berm
- TG Tide Gate
- Protected-Water Boom
- Open-Water Boom
- Snare/ Sorbent Boom

Equipment - All Tactics

Boom(ft)	6100
Marine anchors	33
Shore anchors	14
Sorbent Boom(ft)	6100
FO Recovery Sys	0
Shore Responders	2
Boat Responders	9
Boats	3

Version
9/29/2022

Response Trailer, Tactics Deployment, and Responder Safety Information

Response Trailer, Tactics Deployment, and Responder Safety Information

A total of 7 state response trailers are required to implement all the tactics in this GRS.

Responders should always consider on-scene conditions before deploying GRP tactics.

Tactics may not be safe or effective under certain conditions.

Responder safety should always be the first priority.

Location

Latitude: 42°17'29" N

Longitude: 71°2'23" W

NOAA Chart # 13270

5. Situation Summary and Health and Safety Briefing (for briefings or transfer of command): Recognize potential incident Health and Safety Hazards and develop necessary measures (remove hazard, provide personal protective equipment, warn people of the hazard) to protect responders from those hazards.

An oil spill has occurred that threatens Neponset River and the adjacent shorelines. The Boston and Quincy Fire Departments and Harbormasters will utilize various common Geographic Response Strategy (GRS) tactics to protect sensitive resources in Neponset River and the surrounding area.

6. Prepared by: MassDEP

Position/Title: Exercise Controller

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Date/Time: 14-Apr-23

Updated by MassDEP 2/2023

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7. Current and Planned Objectives:

- Establish VHF or UHF Communication Channel or Frequency
- Deploy GRS Tactic as outlined in Section 4 and Ops Brief

Tidal Information (approx.) for Neponset River, MA on 24-Apr-23							
HIGH				LOW			
AM	ft	PM	ft	AM	ft	PM	ft
2:38	10.3	3:19	9.0	9:09	0.0	9:18	1.4

Weather Forecast for Neponset River, MA on 24-Apr-23					
Wind Speed	Wind Direction	Wind Gust	Wind Average	Air Temp	Sky Condition
11 mph	WNW	11 mph	11 mph	58	Rain showers

8. Current and Planned Actions, Strategies, and Tactics:

Time:	Actions:
0830	Mobilize and Stage Equipment at St Mary's Rectory: 115 Crescent St, Quincy (in front half of parking lot closest to Crescent St.)
0900	Personnel walk over to St. Mary's Parish (across Reardon St.) for Classroom Training in basement
1000	Conduct Trailer Equipment Familiarization and Hands-on Training using Quincy FD trailer at Church
1100	LUNCH at Church (Darcy's Village Pub in Quincy)
1130	All Personnel Transit to Venezia's Restaurant and park on side near Boston Winery, 20 Ericsson St.
1145	Final Safety and Operational Brief
1200	Deploy (DV 01b) Diversion Boom Array at Port Norfolk YC Boat Ramp
1330	Demobilize, Rinse, and Repack all Equipment
1400	Conduct Hot Wash/Complete and Turn In all Participant Feedback Forms
1430	Secure from Exercise

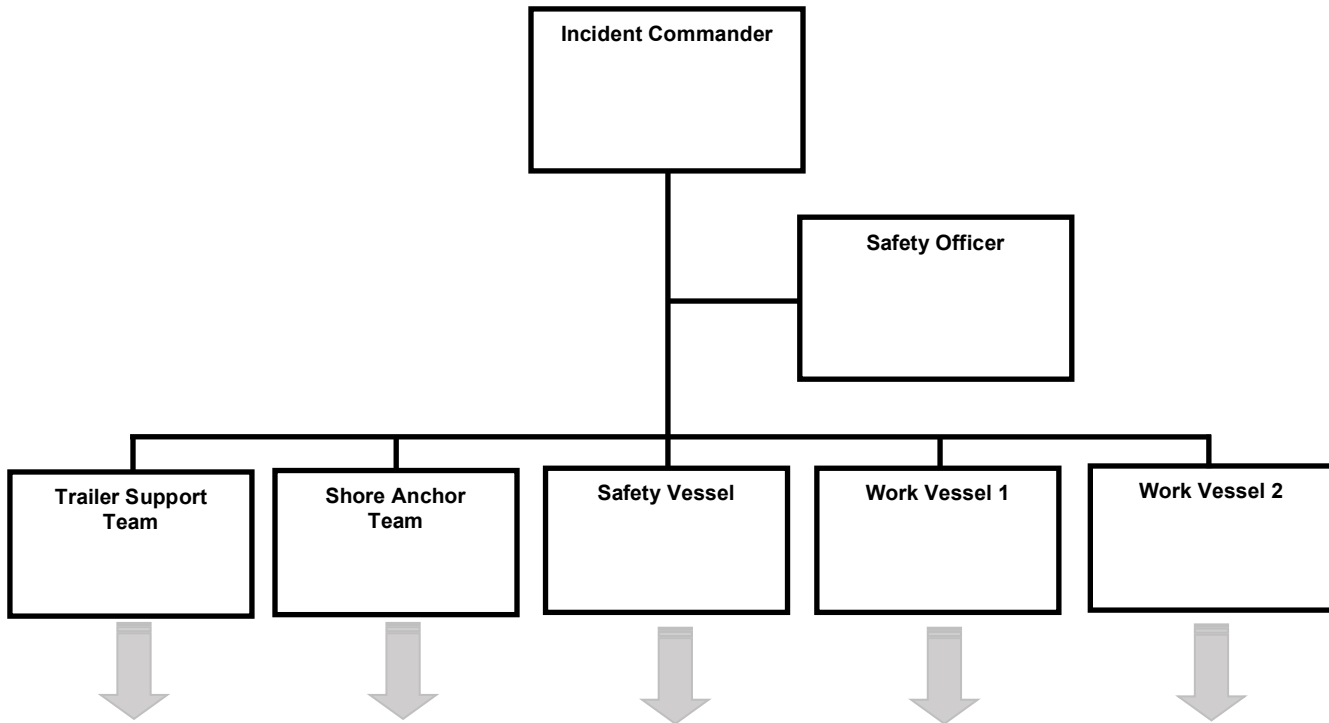
Prepared by: MassDEP	Position/Title: Exercise Controller
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9. Current Organization (fill in additional organization as appropriate):



6. Prepared by: MassDEP Position/Title: Exercise Controller

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10. Resource Summary:		
Resource	Resource Identifier	Notes (location/assignment/status)
Boston Fire Department	Personnel	10-12
Boston Harbormaster	Personnel	3-4
Quincy Fire Department	Personnel	3-4
Quincy Harbormaster	Personnel	6
Boston Fire Department	Vessels	1
Boston Harbormaster	Vessels	1
Quincy Harbormaster	Vessels	2
Boston Fire Department	Support	Drone and 2 drone operators
Coast Guard Sector Boston	Personnel	3

6. Prepared by: Prepared by: MassDEP	Position/Title: Exercise Controller
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Updated by MassDEP 2/2023

SAFETY MESSAGE/PLAN (ICS 208)

1. Safety Message/Expanded Safety Message, Safety Plan, Site Safety Plan:

KNOWN SAFETY HAZARDS:

- **Lines under tension** (boom towing and shoreside anchoring)
- **Pinch points** (connecting boom, boom towing, vessel operations)
- **Heavy lifting** (boom and anchors) - Observe safe lifting practices.
- **Entanglement** – Personnel, lines/rigging, and boom. Personnel, lines, propellers. Maintain situational awareness when working around lines, anchors and boom during shoreside and on-water deployment operations to ensure that entanglement does not occur. Do not stand in the bight of lines or where boom is faked out for deployment.
- **Loose clothing and jewelry** – Refrain from wearing loose clothing that may snag or become entangled on equipment. Jewelry including necklaces and rings should be removed while engaged in equipment deployment operations.
- **Slips, trips, and falls** - Exercise caution in wet, muddy, and rocky areas and when working on piers or bulkheads near water to avoid falling. During boom deployment and retrieval when working in, on, or near the equipment trailers and ramps, special precaution must be taken to avoid injury when working on trailer ramp and around trailer ramp cables. Caution tape provided in trailer should be attached to trailer ramp cables to mark their location.
- **Crushing injuries** – Use caution when working with anchors, driving shoreside stakes with sledgehammer, and when working alongside other vessels to avoid crushing injuries.
- **Vessel Operations** – Working near other vessels; Boom deployment and towing and rigging near outboard motors and vessel screws/propellers.
- **Flotsam and debris** – Conduct shoreside walkdown (Exercise Safety Officer) to identify and remove dangerous objects including glass, sharp objects, or debris washed up on shore that may endanger participants and/or impede exercise activities. Medical waste should only be retrieved by on-scene medical personnel. Flotsam should only be removed if it can be done safely and only if it impedes exercise activities.
- **Hypothermia** – Dependent on water temperature. If participant is immersed in water, extricate safely and quickly, and treat as appropriate.
- **Heat Stress/Stroke** – Dependent upon air temperature and humidity. Exposure to extreme heat may put participants at risk for heat stress. Heat stress can result in heat stroke, heat exhaustion, heat cramps, or heat rashes. Participants exhibiting heat stress related symptoms must be treated immediately IAW participating agency protocols.

SPECIFIC PRECAUTIONS:

- An Exercise Safety Officer will be identified and be responsible for participant safety.
- FIRST AID equipment is available. EMT/Paramedics are available on-scene.
- Personal Flotation Devices (PFDs) are required for all vessel personnel and all shoreside personnel working along shoreline, bulkheads or piers.
- Steel-toe boots and safety glasses should be worn.
- Hearing protection should be worn when working around generator and air compressor.
- Sufficient personnel shall engage in loading and unloading boom from trailers to prevent injury.
- All vessel operators will conduct a safety brief with passengers to review vessel-specific safety precautions.
- During vessel operations, a spotter should be assigned to provide guidance to vessel operator. Utilize fenders when mooring alongside pier/dock and when rafting with other vessels.
- Man overboard – Assigned vessel spotter must maintain constant visual contact with man overboard and provide position and direction to vessel operator. “Emergency” phrase must be communicated to all exercise participants. Incident Commander or Exercise Coordinator will halt all exercise activity.
- Vessel load balancing - Each vessel operator must ensure that personnel and equipment are stationed and distributed appropriately on deck.
- Hydration – Participants should ensure they remain properly hydrated based on their level of exertion and on-scene weather conditions (heat, humidity). Water is provided.
- Sunscreen – Participants should ensure proper sunscreen application based on weather conditions. Sunscreen is provided.

2. Site Safety Plan Required? Yes No

Approved Site Safety Plan(s) Located At: N/A

3. Prepared by: MassDEP

Position/Title: Exercise Controller

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Appendix A: Supplemental Exercise Information

Safety Marine Information Broadcast (SMIB)

Mariners are advised that an oil spill exercise will be conducted in the Neponset River between the Port Norfolk Yacht Club in Boston and Boston Scientific in Quincy on **April 24, 2023, from approximately 12:00 p.m. until 2:00 p.m.** Boom will be deployed in the water and vessels with the Boston and Quincy Fire Departments and Harbormasters operating in the area. Mariners are advised to use caution when transiting this area. Interested mariners may contact the Boston Harbormaster or the U.S. Coast Guard by VHF radio.